

WE CLAIM:

1. A combination of a fixable socket and a plug revolvable therein for conducting electric power and for mechanically supporting in a desired orientation an appliance receiving said power, said combination comprising:

a) a socket rigidly attachable to a structure surface, said socket comprising a non-conductive body configured for attachment to said surface, and a front face including at least four spaced-apart hollow arcuate receptacles, all said receptacles having a common center of curvature, each receptacle containing a conductive element insulated from the remaining conductive elements and being electrically connected to its own cable terminal, a first set of radial locator elements being provided on said front face;

b) a plug, insertable into said socket and revolvable therein, said plug comprising a non-conductive body having a rear face configured to carry a second set of locator elements to contact and engage said first set of locator element for retention of said plug in a desired angular position relative to said socket, a plurality of arcuate conducting prong elements insulated from each other and engagable with said arcuate receptacles to contact said conductive elements disposed therein, each prong element being electrically connected to its own plug cable terminal, said plug being arranged to mechanically support an appliance which is electrically connected to receive power from said plug cable terminals,

and

c) releasable latching means attached to said combination, providing when engaged a retention force between said socket and said plug to retain said locator elements in inter-engagement, said latching means being hand releasable to allow full disengagement of said plug and said appliance attached thereto, and also to allow partial withdrawal for disengagement of said locator elements to permit revolution of said plug while maintaining contact with said socket.

2. The socket and plug combination as claimed in claim 1, wherein said hollow arcuate receptacles extend through 360 degrees to allow full revolution of said plug in said socket.

3. The socket and plug combination as claimed in claim 1, wherein said releasable latching means is a captive ball detent.
4. The socket and plug combination as claimed in claim 2, wherein said locator elements comprise a series of teeth disposed on a face surrounding the largest of said hollow arcuate receptacles.
5. The socket and plug combination as claimed in claim 1, wherein said latching means engages said first structural element with sufficient retention force to support a two kg appliance in a ceiling socket during an earthquake of a severity not causing structural damage to the building in which said combination is installed.
6. The socket and plug combination as claimed in claim 1, wherein said appliance is an electric light fitting.
7. A fixed socket and revolvable plug combination substantially as described hereinbefore and with reference to the accompanying drawings.